



GE  
Lighting

### 46677 - F21W/T5/830/ECO

GE Ecolux® Starcoat® T5

- Passes TCLP, which can lower disposal costs.

a product of  
**ecomagination**



### GENERAL CHARACTERISTICS

Lamp Type	Linear Fluorescent - Straight Linear
Bulb	T5
Base	Miniature Bi-Pin (G5)
Rated Life (NOM)	30000.0 h
Rated Life (rapid start) @ Time	30000.0 @ 3.0/36000.0 @ 12.0 h
Bulb Material	Soda lime
Starting Temperature (MIN)	-20.0 °C
Mercury Content (NOM)	2.5 mg
Picograms of Mercury (NOM)	43.2 pg
Additional Info	TCLP compliant
Primary Application	Full Wattage

### PHOTOMETRIC CHARACTERISTICS

Initial Lumens (NOM)	2100.0
Mean Lumens (NOM)	1930.0
Nominal Initial Lumens per Watt (NOM)	100.0
Color Temperature (NOM)	3000.0 K
Color Rendering Index (CRI) (NOM)	85.0
S/P Ratio (Scotopic/Photopic Ratio) (NOM)	1.3

### ELECTRICAL CHARACTERISTICS

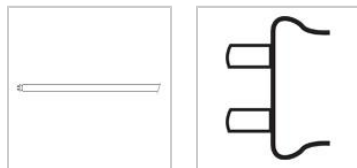
Wattage (NOM)	21.0
Open Circuit Voltage (rapid start) Min @ Temperature	340 V @ 10 °C
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Current Crest Factor (MAX)	1.7

### DIMENSIONS

Maximum Overall Length (MOL) (NOM)	33.400 in(848.4 mm)
Nominal Length (NOM)	33.400 in(848.4 mm)
Bulb Diameter (DIA) (MAX)	0.670 in(17.0 mm)
Bulb Diameter (DIA) (NOM)	0.625 in(15.9 mm)
Max Base Face to Base Face (A) (NOM)	33.430 in(849.1 mm)
Face to End of Opposing Pin (B) (MIN)	33.610 in(853.7 mm)
Face to End of Opposing Pin (B) (MAX)	33.700 in(856.0 mm)

### PRODUCT INFORMATION

Product Code	46677
Description	F21W/T5/830/ECO
Standard Package	Case
Standard Package GTIN	10043168466773
Standard Package Quantity	40
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard	40
Package	
UPC	043168466776



### CAUTIONS & WARNINGS

#### Caution

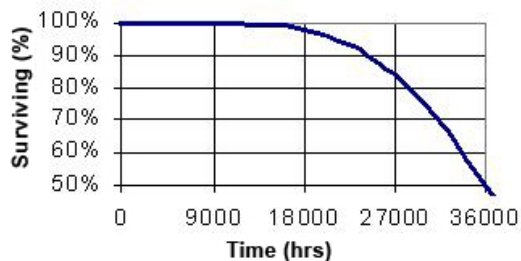
- Lamp may shatter and cause injury if broken
  - Wear safety glasses and gloves when handling lamp.
  - Do not use excessive force when installing lamp.

#### Warning

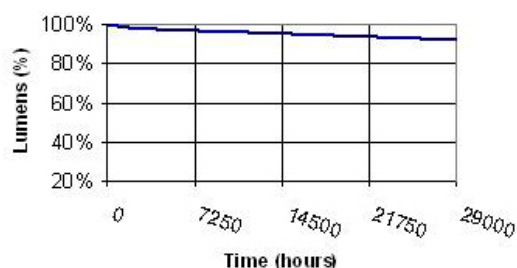
- Risk of Electric Shock
  - Turn power off before inspection, installation or removal.

### GRAPHS & CHARTS

#### Graphs\_Lamp Mortality



#### Graphs\_Lumen Maintenance



# Graphs\_Spectral Power Distribution

